

## CLAIMS

What is claimed is:

1. A method, comprising:

allocating an original percentage of bandwidth or number of accesses to memory by a memory controller; and

increasing the bandwidth or number of accesses allocated to the memory controller to a percentage higher than the original percentage of bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller; and

decreasing the bandwidth or number of accesses allocated to the memory controller to a percentage lower than an original bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.

2. The method of claim 1, further comprising:

setting a window of time to monitor the percentage of bandwidth or number of accesses to memory by the memory controller; and

measuring the percentage of bandwidth used or number of accesses to memory by the memory controller during the window of time.

3. The method of claim 1, further comprising applying a mask to increase the bandwidth or number of accesses allocated to the memory controller to a percentage higher than the original percentage of bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.

4. The method of claim 1, further comprising applying a mask to decrease the bandwidth or number of accesses allocated to the memory controller to a percentage lower than an original bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.

5. An article of manufacture article of manufacture, comprising:

a machine-accessible medium including data that, when accessed by a machine, cause the machine to perform the operations comprising,

allocating an original percentage of bandwidth or number of accesses to memory by a memory controller;

increasing the bandwidth or number of accesses allocated to the memory controller to a percentage higher than the original percentage of bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller;

decreasing the bandwidth or number of accesses allocated to the memory controller to a percentage lower than an original bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.

6. The article of manufacture of claim 5, wherein the machine-accessible medium further includes data that cause the machine to perform operations comprising:

setting a window of time to monitor the percentage of bandwidth or number of accesses to memory by the memory controller; and

measuring the percentage of bandwidth used or number of accesses to

memory by the memory controller during the window of time.

7. The article of manufacture of claim 5, wherein the machine-accessible medium further includes data that cause the machine to perform operations comprising applying a mask to increase the bandwidth or number of accesses allocated to the memory controller to a percentage higher than the original percentage of bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.

8. The article of manufacture of claim 5, wherein the machine-accessible medium further includes data that cause the machine to perform operations comprising applying a mask to decrease the bandwidth or number of accesses allocated to the memory controller to a percentage lower than an original bandwidth or number of accesses allocated when accesses to memory by the memory controller are less than the original percentage of bandwidth or number of accesses allocated to the memory controller.